

GenCore version 5.1.6
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M nucleic - nucleic search, using sw model

run on: April 21, 2004, 04:08:30 ; Search time 1593.74 Seconds
(without alignments)
11386.553 Million cell updates/sec

title: US-10-002-600-46

effect score: 4025
sequence: 1 cattcataagctagct.....aaaaaaagatttaaaaaa 4025

coring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

searched: 2907579 seqs, 2254313464 residues

total number of hits satisfying chosen parameters: 5815158

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database :

Published Applications NA:*

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- 2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/1/pubpna/US06_NEW_PUB.seq:*
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- 19: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

result No.	Score	Query Match	Length	ID	Description
1	4025	100.0	4025	10	US-09-971-429B-15
2	4025	100.0	4025	13	US-10-116-802-361
3	4025	100.0	4025	14	US-10-002-600-46
4	1997	49.6	3851	15	US-10-247-671-31
5	1982	49.2	3775	9	US-09-954-456-2210
6	1982	49.2	3775	9	US-09-880-107-2221
7	1982	49.2	3775	10	US-09-960-706-649
8	1982	49.2	3775	10	US-09-960-706-649
9	1982	49.2	3775	10	US-09-873-319-404
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11	1982	49.2	3775	15	US-10-205-823-133
12	1982	49.2	3775	15	US-10-210-120-60
13	1982	49.2	3775	15	US-10-004-113-17
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15	1982	49.2	3775	17	US-10-394-948-11

15	1965.4	48.8	3876	15	US-10-198-846-12898	Sequence 12898, A
16	1700	42.2	3632	16	US-10-144-194A-29	Sequence 29, Appl
17	1165	28.9	27184	15	US-10-004-113-16	Sequence 16, Appl
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27	401.2	10.0	26993	17	US-10-394-948-7	Sequence 7, Appl
28	396.4	9.8	11176	9	US-09-738-968-43	Sequence 43, Appl
29	366.8	8.1	1996	16	US-10-144-194A-27	Sequence 27, Appl
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33	272	6.8	7634	15	US-10-311-455-2104	Sequence 2104, Ap
34	243	6.0	622	13	US-10-027-632-23256	Sequence 23256, A
35	243	6.0	622	16	US-10-027-632-23256	Sequence 23256, A
36	230	5.7	691	13	US-10-027-632-106560	Sequence 106560,
37	230	5.7	691	16	US-10-027-632-106560	Sequence 106560,
38	226	5.6	7634	15	US-10-311-455-2103	Sequence 2103, A
39	224.2	5.6	655	15	US-10-198-846-13313	Sequence 13313, A
40	148.6	3.7	389	10	US-09-918-995-8755	Sequence 8755, Ap
41	129.4	3.2	341	9	US-09-604-287A-440	Sequence 440, App
42	129.4	3.2	341	10	US-09-551-621-440	Sequence 440, App
43	129.4	3.2	341	14	US-10-007-805-440	Sequence 440, App
44	129.4	3.2	341	15	US-10-076-622-440	Sequence 440, App
45	129.4	3.2	341	15	US-10-124-805-440	Sequence 440, App

ALIGNMENTS

RESULT 1

US-09-971-429B-15
; Sequence 15, Application US/09971429B
; Publication No. US20030175704A1
; GENERAL INFORMATION:
; APPLICANT: Lasek, Amy K. W.
; APPLICANT: Shyjan, Andrew W.
; APPLICANT: Turner, Christopher M.
; TITLE OF INVENTION: GENES EXPRESSED IN LUNG CANCER
; FILE REFERENCE: PA-0040 US
; CURRENT APPLICATION NUMBER: US/09/971,429B
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/239,024
; PRIOR FILING DATE: 2000-04-10
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PERL Program
; SEQ ID NO 15
; LENGTH: 4025
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20030175704A1 1136056.1
US-09-971-429B-15

Query Match 100.0%; Score 4025; DB 10; Length 4025;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4025; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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181	ACTTACTTTTT	TGGTCTCTTTTATTA	TATACATTTTCC	CTTTTCCCGCGTGGGACCC	240	
181	ACTTACTTTTT	TGGTCTCTTTTATTA	TATACATTTTCC	CTTTTCCCGCGTGGGACCC	240	
241	GCCGACGCGT	TGGAGGAGACCGTAG	CTGAAGCTGATTT	TGTTTACAGCGCGTGTGCAC	300	
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301	CAAGACGCTTT	CTGCCCTGGGGGAGCA	CCCTCTCCCTGGCGTCTACCGAGCC	360		
301	CAAGACGCTTT	CTGCCCTGGGGGAGCA	CCCTCTCCCTGGCGTCTACCGAGCC	360		
361	TGCACATTT	CAAGAGGTACAGCGGCAT	CTCTGTGGGGCTGGG	CACGAGGAAGACTGCA	420	
361	TGCACATTT	CAAGAGGTACAGCGGCAT	CTCTGTGGGGCTGGG	CACGAGGAAGACTGCA	420	
421	CAGAAACTTT	GTGCATTGTGGAA	CGGACGTTGGCTCTT	CCCGAGACTTCCCGGACA	480	
421	CAGAAACTTT	GTGCATTGTGGAA	CGGACGTTGGCTCTT	CCCGAGACTTCCCGGACA	480	
481	GCCTACTTT	GAGACTCGCTCAGCGCA	CCGTGGGACTCCACGGGCT	CACCCCGACTTG	540	
481	GCCTACTTT	GAGACTCGCTCAGCGCA	CCGTGGGACTCCACGGGCT	CACCCCGACTTG	540	
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541	CACCTTACT	TCCCAAAACCCCGG	GCATPAGCCTTGGCTT	CCGTGGGACCTCAGCGTG	600	
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661	CTCCGCTCC	CGTGCAGTCTCTCAC	CCCTCTGSCGAGTCTCAATAT	TGTCTTCGTTGGA	720	
721	CTCTTTCG	GAGTCCACCGCGCGGCT	CTCCGAGGTCGCGGTCTCGGGAA	780		
721	CTCTTTCG	GAGTCCACCGCGCGGCT	CTCCGAGGTCGCGGTCTCGGGAA	780		
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901	CCACGCCC	CGGTCTGCAACCTTA	AGAAATTTGGGGAAACAGTACT	CCACACGAGC	960	
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APR 25

2281 TTGATGCCCCCTAGATAATCTCATCCGCCACCGGACGTTCTGTTTGAGATGTGAA 2340
 2341 CGTCCCTCTTGACCTGTCTAGGACATCCACTCCCGAGAAATAAGCTGCTCTGTAATTGG 2400
 2341 CGTCCCTCTTGACCTGTCTAGGACATCCACTCCCGAGAAATAAGCTGCTCTGTAATTGG 2400
 2401 TATTCTCTGGGCTGCTAAAGGCTCCCGACCCGATTAAGTATGATCCCTCATGAGCCCTTG 2460
 2401 TATTCTCTGGGCTGCTAAAGGCTCCCGACCCGATTAAGTATGATCCCTCATGAGCCCTTG 2460
 2461 CTTTCTGACTGACATGATGTTTCTCAGTGGATCCCTGACCGGCTGCCAGCGGCC 2520
 2521 GCTGCGTGGCTTCTCGTTGGGCGGCTTCTGATTTTCATGCGAGTCAGGCTGCTGCTGT 2580
 2521 GCTGCGTGGCTTCTCGTTGGGCGGCTTCTGATTTTCATGCGAGTCAGGCTGCTGCTGT 2580
 2581 GAATGCCGCTCTGCTGGGAGTGATTTATTAACCTGTGAATGATGTTGGCCAGATTTGGGG 2640
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 3001 CAAGATGTCATATGCTGAGTGTCTGGTACCCCAAAACCCCAATAATTTTGGAGCTGG 3060
 3001 CAAGATGTCATATGCTGAGTGTCTGGTACCCCAAAACCCCAATAATTTTGGAGCTGG 3060
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3421 TGTAGCGCTTCTGAGCGCTCGGACCTAGGTTCAAGTTGGGCCCTCAAAGGAGCGGTG 3480
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 3481 AGAATTTGGGAAACTGCTTCTAGGAACTCTGGCTTCAACCCCTGCTCGGGCTGACCCCTTT 3540
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 3661 AATGCTCCAGCTGTGCTGCTGACTTCTGGGTTCTGGGACATGAGATTTTATTTTTT 3720
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 3961 TTGCCCCCTCGCCCTCGTTGCCAATTAATAAGCTCTTAAATAACGCAAAAAAGGATTTA 4020
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 4021 AAAAA 4025

RESULT 2

US-10-116-802-361
 ; Sequence 361, Application US/10116802
 ; Publication No. US20030065157A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Amy Lasek
 ; TITLE OF INVENTION: GENES EXPRESSED IN LUNG CANCER
 ; FILE REFERENCE: PA-0045 US
 ; CURRENT APPLICATION NUMBER: US/10/116,802
 ; CURRENT FILING DATE: 2002-04-04
 ; PRIOR APPLICATION NUMBER: 60/281,593
 ; PRIOR FILING DATE: 2001-04-04
 ; NUMBER OF SEQ ID NOS: 519
 ; SOFTWARE: PERL Program
 ; SEQ ID NO 361
 ; LENGTH: 4025
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; OTHER INFORMATION: Incyte ID No: 1136056.1
 US-10-116-802-361

Query Match 100.0%; Score 4025; DB 13; Length 4025;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 4025; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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M nucleic - nucleic search, using sw model

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erfect score: 4025

equences: 1 cattcataagactcagact.....aaaaaaaggatttaaaaaa 4025

coring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

earched: 2907579 seqs, 2254313464 residues

oral number of hits satisfying chosen parameters: 5915158

inimum DB seq length: 0

aximum DB seq length: 2000000000

ost-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

- atabase :
- 1: /cgm2_6/ptodata/1/pubpna/US07_PUBCOMB.seq.*
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 - 3: /cgm2_6/ptodata/1/pubpna/US06_NEW_PUB.seq.*
 - 4: /cgm2_6/ptodata/1/pubpna/US06_PUBCOMB.seq.*
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 - 6: /cgm2_6/ptodata/1/pubpna/PCTUS_PUBCOMB.seq.*
 - 7: /cgm2_6/ptodata/1/pubpna/US08_NEW_PUB.seq.*
 - 8: /cgm2_6/ptodata/1/pubpna/US08_PUBCOMB.seq.*
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 - 10: /cgm2_6/ptodata/1/pubpna/US09B_PUBCOMB.seq.*
 - 11: /cgm2_6/ptodata/1/pubpna/US09C_PUBCOMB.seq.*
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19	797.4	19.8	1017	15	US-10-004-113-18	Sequence 18, Appl
20	797.4	19.8	1017	17	US-10-394-948-12	Sequence 12, Appl
21	796.2	19.8	4145	15	US-10-004-113-14	Sequence 14, Appl
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31	334	8.3	888	15	US-10-198-846-9406	Sequence 9406, Ap
32	279.2	6.9	2185	16	US-10-108-260A-1814	Sequence 1814, Ap
33	272	6.8	7634	15	US-10-311-455-2104	Sequence 2104, Ap
34	243	6.0	622	13	US-10-027-632-23256	Sequence 23256, A
35	243	6.0	622	16	US-10-027-632-23256	Sequence 23256, A
36	230	5.7	691	13	US-10-027-632-106560	Sequence 106560,
37	230	5.7	691	16	US-10-027-632-106560	Sequence 106560,
38	226	5.6	7634	15	US-10-311-455-2103	Sequence 2103, Ap
39	224.2	5.6	655	15	US-10-198-846-13313	Sequence 13313, A
40	148.6	3.7	389	10	US-09-918-995-8755	Sequence 8755, Ap
41	129.4	3.2	341	9	US-09-604-287A-440	Sequence 440, App
42	129.4	3.2	341	10	US-09-551-621-440	Sequence 440, App
43	129.4	3.2	341	14	US-10-007-805-440	Sequence 440, App
44	129.4	3.2	341	15	US-10-076-622-440	Sequence 440, App
45	129.4	3.2	341	15	US-10-124-805-440	Sequence 440, App

ALIGNMENTS

RESULT 1
US-09-971-429B-15
; Sequence 15, Application US/0971429B
; Publication No. US20030175704A1
; GENERAL INFORMATION:
; APPLICANT: Lasek, Amy K. W.
; APPLICANT: Shylan, Andrew W.
; APPLICANT: Turner, Christopher M.
; TITLE OF INVENTION: GENES EXPRESSED IN LUNG CANCER
; FILE REFERENCE: PA-0040 US
; CURRENT FILING DATE: 2001-10-04
; PRIOR FILING DATE: 2000-04-10
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: PERL Program
; SEQ ID NO 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030175704A1 1136056.1
US-09-971-429B-15

Query Match	100.0%	Score 4025;	DB 10;	Length 4025;
Best Local Similarity	100.0%;	Pred. No. 0;		
Matches 4025;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	CATTCTAAGACTCAGAGCTACGCCACCGGACACCGGACACCGGACCAAGAACTTGAAA	60	
DB	1	CATTCTAAGACTCAGAGCTACGCCACCGGACACCGGACACCGGACCAAGAACTTGAAA	60	
QY	61	CTTGATTGTTGGTCTCTCTTGGGGGTATGAATTTCAATCTTTTTCCTCGG	120	
DB	61	CTTGATTGTTGGTCTCTCTTGGGGGTATGAATTTCAATCTTTTTCCTCGG	120	

121	121	GGAGAAAGTTTTGGAAAGATCTTCTCCAGAAATATTTCTTCAATTTCTTTGGAGACCG	180
121	121		180
		GGAGAAAGTTTTGGGAAAGATTCTCCAGAAATATTTCTTCAATTTCTTTGGAGACCG	
181	181	ACTTACTTTTTTTTGGTCTCTTTTATATATCTTTTCCCTTTTCCCGCGTGGAGACC	240
181	181	ACTTACTTTTTTTTGGTCTCTTTTATATATCTTTTCCCTTTTCCCGCGTGGAGACC	240
241	241	GCCEGACGCGTGGAGAGACCGTAGCTGAAGCTGAATTCGTGTTACAGCGCGTGTGCAC	300
241	241	GCCEGACGCGTGGAGAGACCGTAGCTGAAGCTGAATTCGTGTTACAGCGCGTGTGCAC	300
301	301	CAGACGCTTTCTGCCCTCTGGGGAGCAACCCCTCCCTCGCCCTCGGTCTTACAGGACC	360
301	301	CAGACGCTTTCTGGCCCTCTGGGGAGCAACCCCTCCCTCGCCCTCGGTCTTACAGGACC	360
361	361	TGCATCTTTCAAGAGGTACAGCGGCATCTCTGTGGGGCCCTGGGCACCCGACGAAAGACTGCA	420
361	361	TGCATCTTTCAAGAGGTACAGCGGCATCTCTGTGGGGCCCTGGGCACCCGACGAAAGACTGCA	420
421	421	CAGAAACTTTTGTTGGAAACGGGACGTTTGGCTTCCTTCCCGAGACTTCCCGCGACA	480
421	421	CAGAAACTTTTGTTGGAAACGGGACGTTTGGCTTCCTTCCCGAGACTTCCCGCGACA	480
481	481	GCGTACTTTGAGGACTCGCTCAGCGCACCGTGGGACTCCACAGGGCTCACCCCGGACTTG	540
481	481	GCGTACTTTGAGGACTCGCTCAGCGCACCGTGGGACTCCACAGGGCTCACCCCGGACTTG	540
541	541	CACCTTACTTCCGCAAAACCCGGGCGTAAGCCTTGGCTTCCGCTGGGACCTCAGCGTGG	600
541	541	CACCTTACTTCCGCAAAACCCGGGCGTAAGCCTTGGCTTCCGCTGGGACCTCAGCGTGG	600
601	601	TCACAGGTGGCCCCCTGTGGGCCACAGGGAAATGTTTCAGAGCTTTCCCGGAGACTACGA	660
601	601	TCACAGGTGGCCCCCTGTGGGCCACAGGGAAATGTTTCAGAGCTTTCCCGGAGACTACGA	660
661	661	CTCGGCTCCCGGTGCGAGCTCCTCACCCCTCTGCGAGTCTCAATATCTGTTTCGGTGG	720
661	661	CTCGGCTCCCGGTGCGAGCTCCTCACCCCTCTGCGAGTCTCAATATCTGTTTCGGTGG	720
721	721	CTCCTTGGCGAGTCCACCCACCGCGCGCTCTCCCGAGGATGCGCGCTTCGGGAA	780
721	721	CTCCTTGGCGAGTCCACCCACCGCGCGCTCTCCCGAGGATGCGCGCTTCGGGAA	780
781	781	ATGCCGCGTTCTTCTGTGCCCCAGGTCACCGCGATCAACAACGACGAGACTCCAGTGG	840
781	781	ATGCCGCGTTCTTCTGTGCCCCAGGTCACCGCGATCAACAACGACGAGACTCCAGTGG	840
841	841	CTTGTGCNAACCGACTCATCTCTTCCATGGGCCCACTGCCAGTGTGCGAGCCACTGCGCT	900
841	841	CTTGTGCNAACCGACTCATCTCTTCCATGGGCCCACTGCCAGTGTGCGAGCCACTGCGCT	900
901	901	CCAGCCCCCGGTCTGCGAAACCTTAAGAAATTCGGGAAAACCAAGTTATCCACACCAAGGC	960
901	901	CCAGCCCCCGGTCTGCGAAACCTTAAGAAATTCGGGAAAACCAAGTTATCCACACCAAGGC	960
961	961	ATGAGTGTGTACACAGATGGCGGAGCGAGTGGCAGTGTGGTGGGCTTCCACGAGGAACT	1020
961	961	ATGAGTGTGTACACAGATGGCGGAGCGAGTGGCAGTGTGGTGGGCTTCCACGAGGAACT	1020
1021	1021	ACCACTGGGCTGGGCTGCGCCCTGCAGCCCGAGCCCGGCTTAGAGACCCCGAGAGAG	1080
1021	1021	ACCACTGGGCTGCGCCCTGCGCCCTGCAGCCCGAGCCCGGCTTAGAGACCCCGAGAGAG	1080
1081	1081	ACGCTTCAACCCAGAGGACAGAGAGGAGCGAAGGGTGGCGGGAAACGAAATAAAGTGC	1140
1081	1081	ACGCTTCAACCCAGAGGACAGAGAGGAGCGAAGGGTGGCGGGAAACGAAATAAAGTGC	1140
1141	1141	AGCAGCTAAATGCGAGGACCGCGGGAGGAGCTGACCCGACCGACTCCAGCGCGGAGCAG	1200
1141	1141	AGCAGCTAAATGCGAGGAAACCGCGGGAGGAGCTGACCCGACCGACTCCAGCGCGGAGCAG	1200
1201	1201	ATCAGTTGGAGGAGAAAGAACAGAGCTGGAGTCGGAGATGGCGCGAGCTCAAAAGGTT	1260

APR 2 -

2281 TTGATGCCGCCCTAGATAAATCTCATCCGCCACCGGACGCTTCTGTTGAGATGTGAA 2340
2341 CGTCCCTTCTTGAACCTGTCTAGCCACTCCACATCCCCAGAAATAGCTGCTGCTGATTTGG 2400
2341 CGTCCCTTCTTGAACCTGTCTAGCCACTCCACATCCCCAGAAATAGCTGCTGCTGATTTGG 2400
2401 TATTCTGGCTCGCTAAAGGGCTCCCAACCCCTGATTAAGTATGCGCCCTCATGCGCCCTG 2460
2401 TATTCTGGCTCGCTAAAGGGCTCCCAACCCCTGATTAAGTATGCGCCCTCATGCGCCCTG 2460
2461 CTCTCTGACTGATGATGTTTCTCAGTGGATCCCTGCGCACCGGCTGCCAGCGAGGCC 2520
2461 CTCTCTGACTGATGATGTTTCTCAGTGGATCCCTGCGCACCGGCTGCCAGCGAGGCC 2520
2521 GCTGCGTGGCTTCTCTGTTGGGCGCTTCTGATTTCAATGCGCACTCAGGGTGTCTGCTGT 2580
2521 GCTGCGTGGCTTCTCTGTTGGGCGCTTCTGATTTCAATGCGCACTCAGGGTGTCTGCTGT 2580
2581 GAATGCGTGGCTTCTGAGTGAATTAACCTGTGAAATGAGTTGGCCAGATTGTGGG 2640
2581 GAATGCGTGGCTTCTGAGTGAATTAACCTGTGAAATGAGTTGGCCAGATTGTGGG 2640
2641 GTGAGTGGCTTGGGCGGAGCAGCACTCATGCGGGGATTAATGTCGCGCACTTCCTCG 2700
2641 GTGAGTGGCTTGGGCGGAGCAGCACTCATGCGGGGATTAATGTCGCGCACTTCCTCG 2700
2701 AAAGCGTGGCTTGGGCGGAGCAGCACTCATGCGGGGATTAATGTCGCGCACTTCCTCG 2760
2701 AAAGCGTGGCTTGGGCGGAGCAGCACTCATGCGGGGATTAATGTCGCGCACTTCCTCG 2760
2761 CAGAGTTAGACTCAATGCGGGGTGACAGAACCGAATGCGGGGTGACAGTCTCTCGCAAT 2820
2761 CAGAGTTAGACTCAATGCGGGGTGACAGAACCGAATGCGGGGTGACAGTCTCTCGCAAT 2820
2821 GGCATGTGGGCTTGGGCGGAGCAGCACTCATGCGGGGATTAATGTCGCGCACTTCCTCG 2880
2821 GGCATGTGGGCTTGGGCGGAGCAGCACTCATGCGGGGATTAATGTCGCGCACTTCCTCG 2880
2881 TTGCTTTAATGCTCCCGAGCACTTATCCAGCACTAGAGCGCACTTCTCAGCAACCC 2940
2881 TTGCTTTAATGCTCCCGAGCACTTATCCAGCACTAGAGCGCACTTCTCAGCAACCC 2940
2941 TTGGCCCTTACATCTCTACCTGGAAGGAGTGGGGCTGTGACTATTTTCTCGGA 3000
2941 TTGGCCCTTACATCTCTACCTGGAAGGAGTGGGGCTGTGACTATTTTCTCGGA 3000
3001 CAAGATGATATGCTGAGTGTCTGGTACCCCAACCAACCAATATTTTGGACTGG 3060
3001 CAAGATGATATGCTGAGTGTCTGGTACCCCAACCAACCAATATTTTGGACTGG 3060
3061 CAGACTCAAGGGCTTGAATCTCATGAGTTCATGCGGGATTCGCGCCATCCCTGACCA 3120
3061 CAGACTCAAGGGCTTGAATCTCATGAGTTCATGCGGGATTCGCGCCATCCCTGACCA 3120
3121 TGGTTTGGCTCTCCACCCCGGCTTCCCTGAGCTTCACTTCATGAGGGATTTCTT 3180
3121 TGGTTTGGCTCTCCACCCCGGCTTCCCTGAGCTTCACTTCATGAGGGATTTCTT 3180
3181 TATGAGGCAATTTATATTTTAAATATCGGGGTGGACCAAGCGCCCTCCATCG 3240
3181 TATGAGGCAATTTATATTTTAAATATCGGGGTGGACCAAGCGCCCTCCATCG 3240
3241 TGCCTGATGAATAACATTCACGTGCGCTTTTGGCGCTCTCCATCTCTGATTTCCA 3300
3241 TGCCTGATGAATAACATTCACGTGCGCTTTTGGCGCTCTCCATCTCTGATTTCCA 3300
3301 AGACCCATTTCTTAGCTAATTAATCCCTTTTCTGGGTTCCGGAAGCAATTAATC 3360
3301 AGACCCATTTCTTAGCTAATTAATCCCTTTTCTGGGTTCCGGAAGCAATTAATC 3360
3361 TATTATGATGAATAATATATATATGATGTGTGTGTCGCGCTGCGCGTGTG 3420
3361 TATTATGATGAATAATATATATATGATGTGTGTGTCGCGCTGCGCGTGTG 3420

QY 3421 TGTGAGCGCTTCTGAGCGCTTGGGACCTAGGTTTCACTTGGGCGCTCAAAAGCGAGCGTG 3480
Db 3421 TGTGAGCGCTTCTGAGCGCTTGGGACCTAGGTTTCACTTGGGCGCTCAAAAGCGAGCGTG 3480
QY 3481 AGAATTGGGAACCTGCTTCTAGGAAACTCTGGCTTCAACCTGTCTCGGGCTGACCCCTT 3540
Db 3481 AGAATTGGGAACCTGCTTCTAGGAAACTCTGGCTTCAACCTGTCTCGGGCTGACCCCTT 3540
QY 3541 TCTGATCTGCTCGGCGCTTCTGATTTGTTCCGATGCTCTCTCCCTCTGCTTTTGTGTC 3600
Db 3541 TCTGATCTGCTCGGCGCTTCTGATTTGTTCCGATGCTCTCTCCCTCTGCTTTTGTGTC 3600
QY 3601 GCTCCGCTGCTGCTGATCTGACCTGCTTCTGCTGCTCTCTCTCTGCTGCTGCTGCTGCTG 3660
Db 3601 GCTCCGCTGCTGCTGATCTGACCTGCTTCTGCTGCTCTCTCTCTGCTGCTGCTGCTGCTG 3660
QY 3661 AATGCTCCAGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3720
Db 3661 AATGCTCCAGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 3720
QY 3721 GTTGATGAGACTGAGGATCTGTAAGATTTTCAACTCTGTAATCTCTGTAATCTGTAATCTG 3780
Db 3721 GTTGATGAGACTGAGGATCTGTAAGATTTTCAACTCTGTAATCTCTGTAATCTGTAATCTG 3780
QY 3781 GGTGCGAGATGTGATGAGATGTGAGACAGGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTG 3840
Db 3781 GGTGCGAGATGTGATGAGATGTGAGACAGGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTG 3840
QY 3841 TGAATCCCGACACCAACCCATCCCAATGAATGATGATGATGATGATGATGATGATGATGATG 3900
Db 3841 TGAATCCCGACACCAACCCATCCCAATGAATGATGATGATGATGATGATGATGATGATGATG 3900
QY 3901 TGCATCTGACCCCGGCGGCTGCTGCGGACAGATGCGGACAGATGCGGACAGATGCGGACAG 3960
Db 3901 TGCATCTGACCCCGGCGGCTGCTGCGGACAGATGCGGACAGATGCGGACAGATGCGGACAG 3960
QY 3961 TTGCGCTTGGCTTCTGTTGCAATTTAAAGCTCTTAAAGCTCTTAAAGCTCTTAAAGCTCTTAA 4020
Db 3961 TTGCGCTTGGCTTCTGTTGCAATTTAAAGCTCTTAAAGCTCTTAAAGCTCTTAAAGCTCTTAA 4020
QY 4021 AAAAA 4025
Db 4021 AAAAA 4025

RESULT 2
US-10-116-802-361
; Sequence 361, Application US/10116802
; Publication No. US20030065157A1
; GENERAL INFORMATION:
; APPLICANT: Amy Lasek
; TITLE OF INVENTION: GENES EXPRESSED IN LUNG CANCER
; FILE REFERENCE: PA-0045 US
; CURRENT APPLICATION NUMBER: US/10/116,802
; PRIOR FILING DATE: 2002-04-04
; PRIOR APPLICATION NUMBER: 60/281,593
; NUMBER OF SEQ ID NOS: 519
; SOFTWARE: PERL Program
; SEQ ID NO 361
; LENGTH: 4025
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No: 1136056.1
US-10-116-802-361

Query Match 100.0%; Score 4025; DB 13; Length 4025;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 4025; Conservative 0; Mismatches 0; Indels 0; Gaps 0;